

AMPHIPOD NEWSLETTER 27

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INTRODUCTION

This newsletter mainly covers the amphipod literature for 2004, but as I have prepared files about all amphipods described since 1990 (to be published in Amphipod Newsletter 28 before long) I have here included a number of articles which I had earlier overlooked and which contain descriptions of new amphipod taxa (pp 34-38). I shall be very grateful, if colleagues could notify me of any omissions in and corrections to these lists. As I have done in the latest newsletters, I have again taken the liberty to copy an important revised classification in this newsletter; after the Baikal amphipods by Kamaltynov and the Corophiidea by Myers and Lowry this time the entirely revised classification of the Talitrida, resulting from the cladistic analysis of this group by Cristiana Serejo (2004), is written out on pp 39-40.

As usual, I have also provided alphabetical and systematic indexes to the new amphipod taxa, that are described in the papers listed in this bibliography. In view of the state of flux in which amphipod systematics and classification finds itself these days, this is a complicated task and one where it will be impossible to please all colleagues. I have used a number of informal groups, where I have not been able to find formalized family names as yet. This is especially the case within the Lysianassoidea, where we eagerly await the magnum opus of Lowry & Stoddart, but also in some freshwater groups, where maybe mainly my own insufficient knowledge is to blame.

Wim Vader, 30 May 2005

BIBLIOGRAPHY

It is increasingly difficult to obtain good library services at the smaller universities, and I have therefore more often than before been unable to see the actual papers that are contained in this bibliography. This has as consequence that I too often have been unable to provide annotations even for papers that look quite important for my colleague amphipod workers. Where I have written 'not seen, unfortunately' I should very much appreciate receiving a copy or pdf.file of the papers concerned from people, who have been luckier than me. (I send out many copies to colleagues myself, and am always willing to help out where I can.)

Many thanks are due to those colleagues who have sent me references, reprints, or pdf-files. As usual, especially Egor Vinogradov (Moskva) and Franz Krapp (Bonn) have rendered very frequent good service and greatly improved the quality of this bibliography.

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- ANASTACIO, P. M., S. C. GONCALVES, M. A. PARDAL & J. C. MARQUES 2003. A model for amphipod (*Talitrus saltator*) population dynamics. ---- *Estuarine, Coastal & Shelf Science* 58 (Suppl.), 149-157.
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- APPADOO, C. & A. A. MYERS 2004. Corophiidea (Crustacea: Amphipoda) from Mauritius. ---- *Records of the Australian Museum* 56, 331-362. (Deals with *Ampithoe kava*, *A. lafkui* n.sp., *A. laxipodus* n.sp., *A. longicarpus* n.sp., *A. mascarenensis* n.sp., *A. ramondi*, *Cymadusa cavimana* (transferred from *Ampithoe*), *C. foliosa*, *C. microphthalma*, *Exampithoe latibasis* n.sp., *Paragrubia vorax*, *Aora inermis* n.sp., *Bemlos quadrimanus*, *B. teleporus*, *Globosolembos excavatus*, *G. indicus*, *Grandidierella bonnieroides*, *Monocorophium acherusicum*, *Gammaropsis* sp. (in *atlantica* group), *G. digitata*, *Erichthonius brasiliensis*, *E. pugnax*, and *E. punctatus* (new to the Indian Ocean). Keys to all Mauritian corophiid genera, as well as to the local species of *Ampithoe*, *Cymadusa*, *Bemlos* and *Erichthonius*, are provided.)
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ARIYAMA, H. 2004. Nine species of the genus *Aoroides* (Crustacea: Amphipoda: Aoridae) from Osaka bay, Central Japan. ---- *Publications of the Seto Marine Biological Laboratory* 40, 1-66. (This beautiful paper deals with *A. columnaris* n.sp., *A. curvipes* n.sp., *A. ellipticus* n.sp., *A. longimerus*, *A. myojinensis* n.sp., *A. punctatus* n.sp., *A. secundus*, and *A. semicurvatus* n.sp. . A key is provided. All new species come from Osaka Bay.)

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China Sea, and *Stegocephalina wolf* n.sp. from subantarctic Heard Island, the latter found in association with a sponge.)

BERGE, J. & W. VADER 2004. Two new Antarctic stegocephalid (Amphipoda: Stegocephalidae: Stegocephalinae) species, with implications for the phylogeny and classification of the two genera *Pseudo* and *Schellenbergia*. ---- *Deep-Sea Research II* 51, 1709-1716. (*Pseudo* spp 1 and 2 are described, but not named. The genera *Pseudo* and *Schellenbergia* are amalgamated under the former name.)

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GUERRA-GARCIA, J. M. 2003. Caprellids (Crustacea: Amphipoda) from Papua New Guinea, with the description of a new species. ---- *Helgoland Marine Research* 57, 100-109. (Deals with *Metaproto novaehollandiae*, *Protogeton inflatus*, *Pseudoproto papua* n.sp. (South PNG), *Quadrisegmentum triangulum*, *Hemiaeginina minuta*, *Metaprotella sandalensis* and *Pseudaeginella biscayensis*. A key is provided.)

GUERRA-GARCIA, J. M. 2004. The Caprellidea (Crustacea: Amphipoda) of Western Australia and Northern Territory, Australia. ---- *Hydrobiologia* 522, 1-74. (Another important paper by this prolific author. Deals with *Caprellina longicornis*, *Dodecas tasmaniensis*, *Hircella inermis*, *Liriarchus perplexus*, *Metaproto novaehollandiae*, *Paraproto tasmaniensis*, *Pseudocaprellina pambanensis*, *Pseudoproto fallax*, *Pseudoprotomima grandimana* n.sp. (W.Austr.), *Aciconula australiensis* n.sp. (Dampier Arch., W.Austr.), *Caprella danilevskii*, *C. equilibra*, *C. penantis*, *C. scaura*, *C. traudlae* n.sp. (Thompson's Bay, W.Austr.), *Hemiaeginina minuta*, *Metaprotella sandalensis*, *Noculacia australiensis*, *Orthoprotella australis*, *O. nana* n.sp. (Thompson's Bay, W.Austr.), *O. tuberculata*, *Paradeutella* sp., *Protella similis*, *Pseudaeginella biscayensis*, *P. vaderi* n.sp. (E.Africa, also NT), and *P. soela* n.sp. (W.Austr.). A key is provided.

GUERRA-GARCIA, J. M. 2004. Deep-sea Caprellidea (Crustacea, Amphipoda) from Azores with the description of three new species. ---- *Zoosystema* 26, 235-262. (Deals with *Liropus azorensis* n.sp., *Protoaeginella paraspiniifera* n.sp., *P. verrucosa* n.sp., and *Pseudoprotella phasma*. World keys to these genera are provided.)

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GUERRA-GARCIA, J. M. & J. C. GARCIA-GOMEZ 2004. Crustacean assemblages and sediment pollution in an exceptional case study: a harbour with two opposing entrances. ---- *Crustaceana* 77, 353-370. (Ceuta, N.Africa)

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- HAGGITT, T. R. & R. C. BABCOCK 2003. The role of grazing by the lysianassid amphipod *Orchomenella aahu* in dieback of the kelp *Ecklonia radiata* in north-eastern New Zealand. ---- *Marine Biology (Berlin)* 143, 1201-1211.
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- HANEY, T. A., A. O. DE ALMEIDE & M. S. S. REID 2004. A new species of cyamid (Crustacea: Amphipoda) from a stranded cetacean in southern Bahia, Brazil. ---- *Bulletin of Marine Science* 75, 409-421 (*Syncyamus ilheusensis* n.sp. from *Globicephala macrorhynchus*.)
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HECHT, S. A., J. S. GUNNARSSON, B. L. BOESE, J. D. LAMBERSON, C. SCHAFFNER, W. GIGER & P. C. JEPSON 2004. Influences of sedimentary organic matter quality on the bioaccumulation of 4-nonylphenol by estuarine amphipods. ---- *Environmental Toxicology & Chemistry* 23, 865-873.

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HENDRYCKS, E. A. & E. L. BOUSFIELD 2004. The amphipod family Pleustidae (mainly subfamilies Mesopleustinae, Neopleustinae, Pleusymtinae and Stenopleustinae) from the Pacific coast of North America: systematics and distributional ecology. ---- *Amphipacifica* 3 (4), 45-113. (Part 4 of Ed Hendrycks' monumental thesis on this fascinating family. Deals with *Mesopleustes ?abyssorum*, *Eosymtes minutus*, *Myzotarsa anaxiphilius*, *?Pleustoides mediterraneus*, *Stenopleustes latipes* (NB *Sympleustes* is returned to synonymy), *Arctopleustes glabricauda*, *Gracilipleustes* n.gen (Stenopleustinae, type *Sympleustes gracilis*), *G. gracilis*, *Pleusymtes pacifica* n.sp. (SE Alaska), *P. pribilofensis* n.sp. (Pribilof Isl.), *P. uncigera*, *P. glabroides*, *Pl. sp.*, *P. mucida*, *Rhinopleustes* n.gen. (Pleusymtinae, type *R. acuminatus*), *Rh. acuminatus* n.sp. (Pribilof isl.), *Budnikopleustes* n.gen. (Pleusymtinae, type *Pleusymtes vasiinae*), *B. vasiinae*, *Heteropleustes* n.gen. (Pleusymtinae, type *H. setosus*), *H. setosus* n.sp. (Vancouver Isl., BC), *H. brachypalmus* (transf. from *Pleusymtes*), *Anomalosymtes* n.gen. (Pleusymtinae, type *A. coxalis*), *A. coxalis* n.sp. (Br. Columbia), *Holopleustes* n.gen. (Pleusymtinae, type *H. aequipes*), *H. aequipes* n.sp. (Oregon), *Pleustomesus medius*, *Kamptopleustes* n.gen (Pleusymtinae, type *K. spinosus*), *K. spinosus* n.sp. (Br. Columbia), *K. coquillus* and *K. camui* (both transf. from *Pleusymtes*), *Pleustostenus displosus*, *Neopleustes columbianus* n.sp. (Br. Columbia), *N. pulchellus*, *?N. kussakini*, *Shoemakeroides* n.gen. (Neopleustinae, type *Sympleustes cornigera*), *S. cornigerus*, and *S. gagarae* (transf. from *Stenopleustes*). *Neopleustes major* and *N. oculata* are transferred tentatively to *Gnathopleustes*, *N. bicuspis* to *?Incisocalliope*. Keys and extensive phyletic and distributional discussions are, as usual, provided.)

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HOLSTEYN, H. 2004. (An Asian on the Dutch coast). ---- *Het Zeepaard* 64, 149-150. (In Dutch. New locality for *Caprella mutica*, in extreme NE Netherlands)

HOU, Z.E, P. LI & S. Q. LI 2004. On a new species of *Gammarus* (Amphipoda; Gammaridae) from Zuanyankong cave, Guizhou, China. ---- *Crustaceana* 77, 825-833. (*Gammarus translucidus* n.sp.)

HOU, Z. E.. & S. Q. LI 2004. A new subterranean amphipod of the genus *Procrangonyx* from Beijing, China. ---- *Crustaceana* 76, 1179-1188. (*P. limpidus* n.sp. from near Beijing.)

HOU, Z. E & S. Q. LI 2004. Three new species of *Gammarus* from Shaanxi, China (Crustacea: Amphipoda: Gammaridae). ---- *Journal of Natural History* 38, 2733-2757. (*Gammarus shenmuensis* n.sp., *G. murarius* n.sp, and *G. martensi* n.sp.)

HOU, Z.E. & S.Q.LI 2004. Two freshwater species of the genus *Jesogammarus* (Crustacea: Amphipoda: Anisogammarus (sic!)) from China. ---- *The Raffles Bulletin of Zoology* 52, 1-12. (*Jesogammarus* (*J.*) *fontanus* n.sp. (Linfen, Shanxi prov.) and *J. (J.) hebeiensis* n.sp. (Lake Baiyangdian, Hebei prov.).)

HOU, Z.E. & S.Q.LI 2004. *Gammarus* species from Tibet plateau, China (Crustacea: Amphipoda: Gammaridae). ---- *The Raffles Bulletin of Zoology* 52, 147-170. (Deals with *G. lasaensis*, *G. frigidus* n.sp. (Nagqu County, Tibet, 4500m), *G. jaspidus* n.sp. (Lake Yamzho Yumco, Tibet, 4500m), and *G. sinuolatus* n.sp. (Lancang River, near Qamdo, Tibet).)

- HOU, Z.E. & S. Q. LI 2005. Two new *Gammarus* species from Benxi Water Cave, China (Crustacea, Amphipoda, Gammaridae). ---- *Revue Suisse de Zoologie* 112, 47-64. (*Gammarus pexus* n.sp. and *G. stalagmiticus* n.sp.)
- HOU, Z. E., S. Q. LI & D. PLATVOET 2004. Three new species of the genus *Gammarus* from tributaries of the Ii river, China (Crustacea, Amphipoda, Gammaridae). ---- *Revue Suisse de Zoologie* 111, 257-284. (The Ii river runs from the Tien Shan mountains in Kazakhstan to Lake Balkhash in China. The new species are *Gammarus montanus* n.sp. , *G. brevipodus* n.sp. and *G. takesensis* n.sp.)
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- IANILLI, V. & S. RUFFO 2002. Apennine and Sardinian species of *Gammarus*, with the description of *Gammarus elvirae* n.sp. (Crustacea Amphipoda, Gammaridae). ---- *Bollettino del Accademia Gioenia , Scienze Naturale* 35, 519-532. (Deals with *G. italicus*, *G. elvirae* n.sp. from the Apennines, and *G. lacustris*.)
- IANNILLI, V. & A. VIGNA TAGLIANTI 2005. New data on the genus *Niphargus* (Amphipoda, Niphargidae) in Italy, with the description of a new species in the *orcinus* group. ---- *Crustaceana* 77, 1253-1261. (*N. cornicolanus* n.sp. from Lazio)
- IVANOVA, M. B., N. G. KUPINA & A. P. TSURPALO 2001. Macrobenthos of brackish-water areas in the intertidal zone of Del'fin Bay (Shikatan Island, Small Kuril Islands). ---- *Russian Journal of Marine Biology* 27, 271-281.
- JANECKI, T. & S. RAKUSA-SUSZCZEWSKI, 2004. The effect of glutamic acid (glu) and kynurenic acid (kyn) on the metabolism of the Antarctic amphipod *Abyssorchomene plebs*. ---- *Journal of Crustacean Biology* 24, 81-83.
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KAIM-MALKA, R. 2004. Oostegite development during the sexual maturation of females of *Tmetonyx similis* (G.O.Sars, 1891) (Amphipoda, Lysianassidae). -- -- *Journal of Natural History* 38, 2403-2424.

KAIM-MALKA, R. 2004. *Podoprion mediterraneum* (Crustacés, Amphipodes), nouvelle espèce de Podoprionidae de Méditerranée. ---- *Bolletino del Museo Civico di Storia Naturale de Verona, Zoologia* 28, 3-16. (Off Toulon, France, 500m. With a synoptic key to *Podoprion* species.)

KAMENSKAYA, O. E. 2001. *Deep-sea amphipods from the collections of the drifting station *North Pole-22* with some remarks on morphology, feeding and ecological groups.* ---- Pp 159-163 in A. P. Kusznetsov & D. N. Zvezina (eds). Composition and structure of the marine bottom biota: collected proceedings. VNIRO Publishing House, Moskva. (Not seen)

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- KING, R.A., A. A. MYERS & D. McGRATH 2004. The *Ampelisca aequicornis* group of species (Amphipoda: Ampeliscidae) with a key, and a description of *Ampelisca eclimensis* sp. nov. from Ireland. ---- *Journal of the Marine Biological Association UK* 84, 155-164. (Deals with *A. aequicornis*, *A. eclimensis* n.sp. (NW Mayo, Ireland), and *A. sorbei*.)
- KLEY, A. & G. MAIER 2003. Life history characteristics of the invasive freshwater gammarids *Dikerogammarus villosus* and *Echinogammarus ischnus* in the river Main and Main-Donau Canal. ---- *Archiv für Hydrobiologie* 156, 457-469.
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- KOCATAS, A., T. KATAGAN, M. SEZGIN & F. KIRKIM 2001. (Benthic amphipods of Cesme peninsula (Aegean Sea) coast.) ---- *Su Urunleri Dergisi* 18, 111-115. (In Turkish).
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- KONOPACKA, A. 2003. Further step to the west—*Obesogammarus crassus* (G.O.Sars) (Crustacea, Amphipoda) already in the Szczecin Lagoon. ---- *Lauterbornia* 48, 67-72. (Not seen)
- KONTSCHAN, J. 2004. The aquatic Amphipoda and Isopoda (Crustacea) of the Transdanubian mountains in northwest Hungary. ---- *Lauterbornia* 49, 73-76.
- KOTTE, J., K. TORN, G. MARTIN, H. ORAV-KOTTE & T. PAALME 2004. Seasonal variation in invertebrate grazing on *Chara connivens* and *C. tomentosa* in Koigusta Bay, NE Baltic Sea. ---- *Helgoland Marine Research* 58, 71-76. (i.a. *Gammarus oceanicus*)
- KOVACHEV, S., V. HAINADJIEVA & S. STOICHEV 2003. Qualitative characteristics of the zoobenthos of several coastal lakes in north-east Bulgaria. -

--- *Annual of Sofia University "St. Klement Ohridski", Faculty of Biology, Zoology 1*, 19-23.

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KRAPP-SCHICKEL, T. & I. TAKEUCHI 2005. A new species of *Caprella* (Amphipoda: Caprellidae) from the Cape Verde Islands, with note on Mediterranean *Caprella liparotensis*. ---- *Journal of the Marine Biological Association UK* 85, 93-100. (*C. wirtzi* n. sp., close to *C. liparotensis*.)

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LAWRENCE, P.N. 2004. A quantum leap for the Collembola? ---- *Crustaceana* 77, 621-636. (More evidence for this author's startling idea, that the Collembola in reality are Crustacea, close to the Amphipoda.)

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Naturalist 23, 24-26. (*Cyamus catodontis* from *Physeter*, *Platycyamus thompsoni* from *Hyperoodon*.)

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- POORE, A. G. B. 2004. Spatial associations among algae affect host use in a herbivorous marine amphipod. ---- *Oecologia* 140, 104-112.
- PRENTER, J., C. MacNEIL, J. T. A. DICK & A. M. DUNN 2004. Roles of parasites in animal invasions. ---- *Trends in Ecology & Evolution* 19, 385-390.
- RAYOL, M. C. & C. S. SEREJO 2003. A new species of *Monoliropus* Mayer, 1903 (Amphipoda, Caprellidea) from Guanabara Bay, RJ, Brazil. ---- *Arquivos do Museu Nacional (Rio de Janeiro)* 61, 165-170. (Not seen. *M. enodis* n.sp.)

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SAWICKI, T. R. & J. R. HOLSINGER 2004. Systematics of the subterranean amphipod *Bahadzia* (Hadziidae), with description of a new species, redescription of *B. yagerae*, and analysis of phylogeny and biogeography. ---- *Journal of Natural History* 38, 1397-1414. (*B. caymanensis* n.sp.)

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SEREJO, C. S. 2004. Talitridae (Amphipoda, Gammaridea) from the Brazilian coastline. ---- *Zootaxa* 646, 1-29. (Not seen. Deals with *Chelorchestia darwinii*, *Atlantorchestia* n.gen, for *Pseudorchestoidea brasiliensis*, '*Talorchestia*' *tucurauna* and *Platorchestia monodi*. Lectotype is designated for *Platorchestia platensis*. Keys to Brazilian talitrids are provided.)

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Ekologichnij Zhurnal 2 (3), 80. (In Russian. On Black Sea shore near Sebastopol.)

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- SUBIDA, M. D., M. R. CUNHA & M. H. MOREIRA 2005. Life history, reproduction, and production of *Gammarus chevreuxi* (Amphipoda: Gammaridae) in the Ria de Aveiro, northwestern Portugal. ---- *Journal of the North American Benthological Society* 24, 82-100.
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- THIEL, M. 2003. Extended parental care in crustaceans—an update. ----- *Revista Chilena de Historia Natural* 76, 205-218.

THIEL, M. 2003. Rafting of benthic macrofauna: important factors determining the temporal succession of the assemblage on detached macroalgae. ---- *Hydrobiologia* 503, 49-57.

THIEL, M. & L. GUTOW 2004. The ecology of rafting in the marine environment.1. The floating substrata . ---- *Oceanography & Marine Biology, an Annual Review* 42, 181-264. (An important review paper!)

TIERNEY, T.O., F. KANE, O. NAUGHTON, S. KENNEDY, P. O'DONOHUE, L. COPLEY & D. JACKSON 2004. On the occurrence of the caprellid amphipod, *Caprella mutica* Schurin, 1935, in Ireland. ---- *The Irish Naturalists Journal* 27, 437-439.

TOMIKAWA, K., E. A. HENDRYCKS & S. F. MAWATARI 2004. A new species of the genus *Dactylopleustes* (Crustacea: Amphipoda: Pleustidae) from Japan, with a partial redescription of *D. echinoides* Bousfield & Hendrycks, 1995 . ---- *Zootaxa* 674, 1-14. (*D. yoshimurai* n.sp. from off Hokkaido, Japan, on the sea urchin *Strongylocentrotus intermedius*. New material of *D. echinoides* comes from *S. droebachiensis*. A key is provided.)

TORCHIN, M. E., K. D. LAFFERTY, A. P. DOBSON, V. J. MacKENZIE & A. M. KURIS 2003. Introduced species and their missing parasites. ---- *Nature, London* 421, 628-630.

TZVETKOVA, N.L. 2004. (To the centenary of professor E.F.Gurjanova (25.01.1902--27.01.1981). ---- Pp 88-101 in B.I.Sirenko (ed.). (Fauna and ecosystems of the Laptev Sea and adjacent deep waters of the Arctic Basin. Part II.) (*Explorations of the fauna of the seas*) 54. St Petersburg, Zoological Institute. (In Russian. With many photographs, a bibliography and a list of animals named in her honour)

D'UDEKEM D'ACQZ, C. 2004. The genus *Bathyporeia* Lindström, 1855, in western Europe (Crustacea: Amphipoda: Pontoporeiidae). ---- *Zoologische Verhandelingen, Leiden* 348, 1-162. (A most thorough revision of this difficult genus, dealing with *Bathyporeia elegans*, *B. gracilis*, *B. guillamsoniana*, *B. nana*, *B. pelagica*, *B. pilosa*, *B. sarsi* and *B. tenuipes*. A key is provided.)

d'UDEKEM d'ACQZ, C. & M. MENIOUI 2004. On three new *Bathyporeia* species from the Atlantic coasts of North Africa (Crustacea, Amphipoda, Pontoporeiidae). ---- *Cahiers de Biologie Marine* 45, 175-195. (Deals with *B. elkaimi* n.sp. (Bou Regreg, Morocco), *B. ledoyeri* n.sp. (S. of Dakhla, Morocco), and *B. microceras* n.sp. (Bay of Dakhla, Morocco).

d'UDEKEM d'ACQZ, C. & W. VADER 2004. *Bathyporeia elegans* Watkin, 1938 (Crustacea, Amphipoda): proposed conservation. ---- *Bulletin of Zoological Nomenclature* 61, 162-164.

VALERIO-BERARDO, M. T. & Y. WAKABARA 2003. *Leptocheirus spinicoxa*, a new species of Corophiidae (Amphipoda) from the northeastern brazilian coast. ---- *Nauplius* 11, 51-56. (from Bahia, Brazil)

VASSILENKO, S. V. 2004. (*Caprellidea* (Amphipoda) of the Laptev Sea, northwestern part of the East-Siberian Sea and adjacent waters of the Arctic Ocean . Pp 5-14 in B.I.Sirenko (ed.). (Fauna and ecosystems of the Laptev Sea and adjacent deep waters of the Arctic Basin. Part II.) (*Explorations of the fauna of the seas*) 54-2. St Petersburg, Zoological Institute. (In Russian. Deals with *Aeginina longicornis*, *Protellina arctica*, *Tritella pilimana*, *Metacaprella horrida*, *Caprella carina*, *C. linearis* and *C. microtuberculata*)

VELDE, G.v.d., I. NAGELKERKEN, S. RAJAGOPAL & A. bij de VAATE 2002. *Invasions by alien species in inland freshwater bodies in western Europe: the Rhine delta*. ---- Pp 260-372 in E. Leppäkoski, S. Gollasch & S. Olenin (eds). *Invasive aquatic species of Europe. Distribution, impacts and management*. Kluwer Academic Publishers, Dordrecht

VINOGRADOV, G.M. 2004. Near-bottom and pelagic gammaridean amphipods in the western Indian Ocean. ---- *Annals of the South African Museum* 112, 39-88. (Deals with *Trischizostoma tanjae* (with key to the genus), *Amaryllis maculata* n.sp., (Walters Shoal), *Erikus dahli*, *Scopelocheiropsis sublitoralis* n.sp. (Mozambique Channel), *Eurythenes gryllus*, *Ichnopus walkeri* n.sp. (Mozambique Channel), *Eusirella ? elegans*, *Regalia oculata* n.sp. (Mozambique Channel) and *Paramoera austrina*. Many other species are recorded.)

VINOGRADOV, G.M. 2004. (*Leucothoe uschakovi* (Amphipoda, Gammaridea) as a symbiont of deep-water sponges.) ---- *Trudy Belomorskoj Biologicheskoy Stantsii im N.A.Pertzova* 9 (2003), 34-35. (In Russian. From Mohns ridge, Norwegian Sea, 2900m.)

WALKUSZ, W., S. KWASNIEWSKI, K. DMOCH, H. HOP, M. J. ZMIJEWSKA, L. BIELECKA, S. FALK-PETERSEN & J. SICINSKI 2004. Characteristics of the Arctic and Antarctic mesozooplankton in the neritic zone during summer. ---- *Polish Polar Research* 25, 275-291.

WANG, X. & G.-P. ZAUKE 2004. Size-dependent bioaccumulation of metals in the amphipod *Gammarus zaddachi* (Sexton, 1912) from the river Hunte

(Germany) and its relationship to the permeable body surface area. ---- *Hydrobiologia* 151, 11-28.

WERNER, I., H. AUER & T. KIKO 2004. Occurrence of *Anonyx sarsi* (Amphipoda: Lysianassoidea) below Arctic pack ice: an example of cryo-benthic coupling? ---- *Polar Biology* 27, 474-481.

WHISSON, C. S., F. E. WELLS & T. ROSE 2004. The benthic invertebrate fauna of the Peel-Harvey estuary of south-western Australia after completion of the Dawesville Channel. ---- *Records of the West Australian Museum* 22, 81-90. (Eleven amphipod spp mentioned)

WILLIS, K. J., E. J. COOK, M. LOZANO-FERNANDEZ & I. TAKEUCHI 2004. First record of the alien caprellid amphipod, *Caprella mutica*, for the UK. ---- *Journal of the Marine Biological Association UK* 84, 1027-1028. (W. Scotland, near Oban.)

YAMADA, Y., T. IKEDA & A. TSUDA 2004. Comparative life-history study on sympatric hyperiid amphipods (*Themisto pacifica* and *T. japonica*) in the Oyashio region, western North Pacific. ---- *Marine Biology, Berlin* 145, 515-527.

ZEIDLER, W. 2004. A review of the hyperiidean amphipod superfamily Lycaeopsoidea Bowman & Gruner, 1973 (Crustacea: Amphipoda: Hyperiidea). - --- *Zootaxa* 520, 1-18. (With redescription of *Lycaeopsis themistoides* and *L. zamboangae*. *L. pauli* is a junior synonym of *zamboangae*.)

ZEIDLER, W. 2004. A review of the families and genera of the hyperiidean amphipod superfamily Phronimoidea Bowman & Gruner, 1973 (Crustacea: Amphipoda: Hyperiidea). ---- *Zootaxa* 567, 1-66. (An important contribution! Three new families are erected: the Lestrigonidae, with the genera *Lestrigonus*, *Phronimopsis*, *Themistella*, *Hyperioides*, *Hyperiella* and *Hyperionyx*, and 2 monotypic families, the Bougisidae (recte Bougisiidae WV) and the Iulopididae. *Iulops loveni* and *I. mirabilis* are described and illustrated, as is *Dairella californica* (of which *D. latissima* is considered to be a junior synonym).)

Earlier overlooked taxonomic papers on amphipods

(Of course these are mainly papers that I have never seen, so there are often few details on the species involved. WV)

ALIEV, R.A. 1997. (A new species of amphipod of the genus *Gammarus* (Crustacea, Amphipoda) from freshwater habitats of Azerbaijan.) ---- *Izvestiya Akademii Nauk Azerbaidzhana, Ser. Biologicheskikh Nauk* (1993-4/6), 119-122. (In Russian, not seen. *Gammarus kasymovi* n.sp. from the Ismailinskogo region.)

ANDREEV, S. 2001. *Niphargus bulgaricus* sp.n. et deux espèces nouvelles pour la faune de Bulgarie—*Niphargopsis trispinosa* Dancau et *Gammarus roeseli* Gervais (Amphipoda: Niphargidae, Gammaridae). ---- *Historia Naturalis Bulgarica* 13, 79-87. (Not seen)

BOUSFIELD, E.L. & H. MORINO 1992. The amphipod genus *Ramellogammarus* in fresh waters of western North America: systematics and distributional ecology. ---- *Contributions to Natural Science* 17, 1-21. (Deals with *Ramellogammarus californicus* n.sp. (Calif.), *R. campestris* n.sp. (Oregon), *R. columbianus* n.sp. (B.Col.), *R. littoralis* n.sp. (Oregon), *R. oregonensis*, *R. ramellus*, *R. setosus* n.sp. (Wash.), *R. similimanus* and *R. vancouverensis*. A key is provided.)

BUSTAMANTE, A. 2002. Three new species of *Microphoxus* Barnard, 1960 (Amphipoda, Phoxocephalidae, Metharpiniinae) from the coast of Rio de Janeiro, Brazil. ---- *Arquivos do Museum Nacional (Rio de Janeiro)* 60, 55-78. (Not seen. Deals with *Microphoxus breviramus* n.sp., *M. moraesii* n.sp., and *M. uroserratus* n.sp..)

COLEMAN, C.O., L. ADORF, N. EIKMEIER, B. HOFFMANN-KOBER, A. LEISTIKOW, D. MEIER, D. PETZOLD, K. REMMERT, F. SCHIERL, M. C. SCHUTTE, E. SIEBENSOHN, T. STAVRIDIS & K. WAGNER 1994. Taxonomy of two iphimediid amphipods (Crustacea) from the Southern Ocean. ---- *Journal of Natural History* 28, 1059-1075. (Deals with *Gnathiphimedia watlingi* n.sp. (Antarctic) and *Iphimediella margueritei*.)

GHANI, N. 1999. Associates of *Gorgonia* species. ---- *Proceedings of Parasitology* 27, 63-65. (Not seen)

HIRAYAMA, A. & I. TAKEUCHI 1993. New species and new Japanese records of the Gammaridea (Crustacea: Amphipoda) from Matsukawa-ura inlet, Fukushima prefecture, Japan. ---- *Publications of the Seto Marine Biological Laboratory* 36, 141-178. (Not seen. Deals with i.a. *Atylus matsukawaensis* n.sp., *Dulichia biarticulata* n.sp., *Gitanopsis oozeki* n.sp., *Stenothoe dentirama* n.sp. and *Synchelidium longisegmentum* n.sp. . The species *Eogammarus possjeticus*, *Lepidepecreum gurbanovae* and *Tiron spiniferus* are new to Japan.)

JAUME, D. 1991. Two new species of the amphipod genus *Pseudoniphargus* (Crustacea) from Cabrera (Balearic islands). ---- *Stygologia* 6, 177-189. (*P. daviui* n.sp. and *P. triasi* n.sp.)

KARAMAN, G.S. 1995. Two interesting *Niphargus* species from Italy, *Niphargus catalogus* n.sp. and *N. ambulator* G. Karaman, 1975 (Fam. Niphargidae). ---- *Poljoprivreda i Sumarstvo* 41, 83-97. (Not seen)

KARAMAN, G.S. 2002. On two *Bogidiella* species (Amphipoda, Bogidiellidae) from Southern Europe. ---- *Odjeljenja Prirodnih Nauka Crnogorska Akademija Nauka i Umjetnosti Glasnik* 14, 135-150. (Not seen. *B. glacialis cataracta* n.ssp from Serbia and Montenegro, and *B. longiflagellum* from Greece and Turkey.)

KARAMAN, G. S., T. GLEDHILL & M. C. HOLMES 1994. A new subterranean amphipod (Crustacea: Gammaridea: Niphargidae) from southern Ireland, with comments on its taxonomic position and the validity of the genus *Niphargellus* Schellenberg. ---- *Zoological Journal of the Linnean Society* 112, 309-320. (Not seen. With *N. wexfordensis* n.sp.)

KARAMAN, G. S. & S. M. SARBU 1995. *Niphargus decui* n.sp. (Amphipoda, Gammaridea, Niphargidae), a new species from Romania. ---- *Travaux de l'Institut de Spéologie 'Emil Racovitza'* 34, 77-87. (Not seen)

KULKINA, L.V. 1990. (*Amphipoda of Kazakhstan*). ---- Pp 125-146 in E. G. Sodorov (ed.): (The ecology and morphology of helminths of animals from Kazakhstan). Nauka, Alma Ata, 158 pp. (In Russian, not seen. *Stygobromus kazakstanica* n.sp. from Kazakhstan.)

LEE, K. S. & I. S. SEO 1990. One new species of freshwater *Jesogammarus* (Crustacea, Amphipoda, Anisogammaridae) from South Korea. ---- *Korean Journal of Systematic Zoology* 6, 251-259. (Not seen. *Jesogammarus (Annanogammarus) koreaensis* n.sp. from S. Korea.)

LEE, K. S. & I. S. SEO 1990. Two new species of freshwater *Gammarus* (Crustacea, Amphipoda, Gammaridae) from South Korea. ---- *Korean Journal of Systematic Zoology* 6, 219-229. (Not seen. *Gammarus kyonggiensis* n.sp. and *G. wangbangensis* n.sp. from S. Korea.)

LEE, K. S. & I. S. SEO 1992. One new species of freshwater *Jesogammarus* (Crustacea, Amphipoda, Anisogammaridae) from South Korea. ---- *Korean Journal of Zoology* 35, 344-349. (Not seen. *J. (J.) ilhoii* n.sp. from Kang wong do province, S.Korea.)

LEE, K. S. & I. S. SEO 1992. One new species of freshwater *Gammarus* (Crustacea, Amphipoda, Gammaridae) from South Korea. ---- *Korean Journal of Systematic Zoology, Special Issue 3*, 93-100. (Not seen. *G. longisaeta* n.sp.)

LOWRY, J. K. & H. E. STODDART 1994. Crustacea Amphipoda: lysianassoids from the tropical western South Pacific Ocean. ---- *Résultats des Campagnes Musorstom 12*, 127-223. (Deals with *Aristias thio* n.sp. (N. Caledonia), *A. uokonia* n.sp. (Isle de Pines, N.Cal.), *Bathymaryllis ouvea* (N.Cal.), *Clepidecrella tropicalis* n.sp. (N.Cal.), *Coriolisa novacaledonia* n.gen, n.sp. (N.Cal.), *Cyclocaris tahitensis*, *Cyphocaris bellona* n.sp. (N.Cal.), *Figorella tasmanica*, *Hippomedon vao* n.sp.(N. Cal.), *Ichnopus malpatun*, *Kerguelenia koutouma* n.sp. (N.Cal.), *K. lifou* n.sp. (Loyalty Islands), *Lepidepecreella sarcelle* n.sp. (N.Cal.), *Onesimoides abyssalis* n.sp. (Loyalty islands), *O. carinatus*, *Orchomenella abyssorum*, *O. distincta*, *O. gerulicorbis*, *Perambasia acuticaudata*, *Procyphocaris indurata*, *Socarnes tiendi* n.sp. (N.Cal.), *S. rurutae* n.sp. (Austral islands), *S. tuscarora* n.sp. (Wallis & Futuma), *Socarnopsis honiara* n.sp. (Solomon Islands), *S. tandai* n.sp. (Solomon Islands), *Trischizostoma richeri* n.sp. (Loyalty islands), *Tryphosella ama* n.sp. (N.Cal.), *T. oupi* n.sp. (N. Cal.), and two *Waldeckia* spp.)

MINCHIN, D. & J. M. C. HOLMES 1993. A skeleton shrimp *Caprella andreae* Mayer (Crustacea: Amphipoda) new to Ireland, and other strandings in September 1991. ---- *Irish Naturalists' Journal 24*, 285-286. (on coconut hull)

MÜLLER, H. G. 1992. Colomastigidae from coral reefs in the Society Islands. Description of two new species (Crustacea, Amphipoda, Gammaridea). ---- *Cahiers de Biologie Marine 33*, 425-433. (Deals with *Colomastix lunalilo*, *C. minuta* n.sp. and *C. tiahuræ* n.sp.)

PRETUS, J. L. 1990. Three new species of the genus *Pseudoniphargus* (Crustacea: Amphipoda) in Balearic ground waters. ---- *Stygologia 5*, 101-118. (Not seen. *P. pedrerae* n.sp. and *P. pityusensis* n.sp. from Formentera, *P. racovitzae* n.sp. from Majorca.)

RAUSCHERT, M. 1994. *Gitanopsilis* (Crustacea, Amphipoda, Gammaridea), eine neue Amphilochiden-Gattung aus dem Sublittoral der König-Georg-Insel (Südshetlandinseln). ---- *Mitteilungen aus dem Zoologischen Museum in Berlin 70*, 133-156. (Not seen. Deals with *Gitanopsilis* n.gen (type *Gitanopsis simplex*), *G. amissio* n.sp. , *Gitanopsis denticulata* n.sp and *G. fucatosquamosa* n.sp. . Keys are provided.)

REN, X. 2001. Gammaridean shrimps of the family Ampithoidae (Crustacea: Amphipoda) from Hainan Island, South China Sea. ---- *National Science*

Museum Monographs 21, 65-74. (Not seen. Deals with *Paragrubia latipoda* n.sp. and 9 other amphipods. Keys are provided.)

RICHARDSON, A. M. M. & J. E. JACKSON 1995. The first record of a terrestrial landhopper (Crustacea, Amphipoda: Talitridae) from Macquarie island. ---- *Polar Biology* 15, 419-422. (*Puhuruhuru patersoni*)

SEDLAK-WEINSTEIN, E. 1992. A new species of *Isocyamus* (Amphipoda, Cyamidae) from *Kogia breviceps* (de Blainville, 1838) in Australian waters. ---- *Systematic Parasitology* 23, 1-6. (Not seen. *I. kogiae* n.sp. from Queensland waters)

SANCHEZ, E. 1991. Stygo fauna of the Canary Islands, 18. New records of *Pseudoniphargus* (Crustacea, Amphipoda) from ground waters of Tenerife and Hierro, with description of new species. ---- *Stygologia* 6, 53-64. (Not seen. Deals with *Pseudoniphargus fontinalis*, *P. porticola* and *P. associatus* n.sp.)

SEREJO, C. S. & M. V. S. LICINIO 2002. The genus *Ampithoe* (Crustacea, Amphipoda, Ampithoidae) from the Brazilian coast. ---- *Arquivos do Museum Nacional (Rio de Janeiro)* 60, 41-50. (Not seen. Deals with *Ampithoe divisura*, *A. seticoxae* n.sp. and *A. ramondi*. A key is provided.)

STOCK, J. H. & A. D. ABREU 1993. Three new species of *Pseudoniphargus* (Crustacea: Amphipoda) from the Madeira archipelago. ---- *Boletim do Museu Municipal de Funchal* 44 (1992), 131-155. (*P. portosancti* n.sp. from Porto Santo, and *P. macrurus* n.sp. and *P. littoralis* n.sp. from Tenerife.)

TACHTEEW, V.V. & I. V. MEKHANIKOVA 2000. (New species of amphipods (Crustacea, Amphipoda) from the mountain streams of Khamar-Daban ridge.) ---- *Trudy Biologo-Pachvennogo Fakul'tet IGU* 3, 115-123. (In Russian, not seen. Deals with *Gammarus dabanus* n.sp. and *G. lacustris*.)

TZVETKOVA, N. L. 1990. (An addition to the fauna of amphipods (Amphipoda, Talitroidea, Hyalidae) from the shallow waters of the East Kamchatka.) ---- *Trudy Zoologicheskogo Instituta* 218, 40-53. (In Russian, not seen. Contains key to *Allorchestes* spp and describes *Parallorchestes asiaticus* n.sp. .)

TZVETKOVA, N. L. 1990. (New subfamily, genus and species of amphipods (Amphipoda: Gammaridea, Corophioidea) from the coastal waters of Simashir Island, Kurile Islands.) ---- Pp 26-42 in V. S. Levin & G.A.Evseev (eds). (Systematics and chorology of marine organisms: collected scientific works.) Akademiya Nauk SSSR, Vladivostok. (In Russian. Deals with *Cerapus lukini*

n.sp. and *Corogammaropsis kudrjaschovi* n. gen., n.sp., type of the new subfamily Corogammaropsinae.)

VASSILENKO, S. V. 1994. (*Caprogammarus* and caprellids (Amphipoda, Caprellidea) of the continental slope of the Kurile Islands.) ---- *Issledovaniya Fauny Morei* 46 (1993), 130-155. (In Russian, not seen. Describes i.a. *Caprella fimbrillata* n.sp. and *C. indeterminata* n.sp.. Keys to Caprogammaridae, Paracercopidae and Caprellidae are provided.)

VINOGRADOV, G. M. 1994. (Amphipoda (Crustacea) from seep fields and nearby common benthic communities of the northern and eastern Pacific.) ---- *Trudy Instituta Okeanologii Akademii Nauk SSSR* 131, 100-125. (In Russian, not seen. Deals with *Gammaropsis* (*Podocerosopsis*) *miri* n.sp., *Hippomedon keldyshi* n.sp., and *Lepidepecreum californiensis* (recte: *californiense* WV), all from off California.)

ZELICKMAN, E. A. 2004. *Fauna Palaestina—Crustacea I: Hyperiidea, Amphipoda of Israel, a morphological atlas*. ----ISBN 965-208-164-7. 442 pp (Not seen, unfortunately. 105 species are reported from the area. Of the 98 Mediterranean species , 51 are new to the area, of the 47 Red Sea species, 37. All species are extensively described and illustrated, i.a. with SEM pictures.)

NEW CLASSIFICATION OF TALITROIDEA, ACCORDING TO SEREJO 2004 (ZOOLOGICA SCRIPTA 33, 551-586.

Infraorder Talitrida

Superfamily Kurioidea

Family **Kuriidae**

Kuria, Micropythia

Superfamily Phliantoidea

Family Biancolinidae

Biancolina

Family Ceinidae

Ceina, Tauhape, Waitomo

Family Eophliantidae

Bircenna, Ceinina, Cylindrylloides,

Eophliantis, Lignophliantis, Wandelia

Family **Phliantidae**

Gabophlias, Iphinotus, Iphiplateia,

Pariphinotus, Pereionotus, **Phlias**,

Quasimodia

Family Plioplateiidae

Plioplateia

Family Temnophliantidae

Hystriphlias, **Temnophlias**

Superfamily Talitroidea s.str.

Family Chiltoniidae

Afrochiltonia, Austrochiltonia, **Chiltonia**,
Phreatochiltonia

Family Dogielinotidae

Subfamily Dogielinotinae Allorchestes, Dogielinoides,
Dogielinotus, Eohaustorioides,
Exhyalella, Haustorioides,
Marinohyalella, Parhyalella,
ProbosciniotusSubfamily Hyalellinae **Hyalella**Subfamily Najinae ?Insula, **Najna**Subfamily Hyalinae Apohyale, **Hyale**, Lelehua,
Neobule, Parallorchestes, Parhyale,
Protohyale, Ptilohyale, Ruffohyale,
Serejohyale

Family Talitridae

Agilestia, Americorchestia, Arcitalitrus,
Austrotroides, Bousfieldia, Caribitroides,
Cariborchestia, Cerrorchestia,
Chelorchestia, Chiltonorchestia,
Chroestia, Eorchestia, Floresorchestia,
Hawaiorchestia, Kanikania, Keratroides,
Macarorchestia, Makawe,
Megalorchestia, Microrchestia,
Mysticotalitrus, Neorchestia, Orchestia,
Orchestiella, Orchestoidea,
Paciforchestia, Palmorchestia,
Parorchestia, Platorchestia,
Protaustrotroides, Protorchestia,
Pseudorchestoidea, Puhuruhuru,
Sinorchestia, Spelaeorchestia, Talitriator,
Talitrus, Talorchestia, Tara,
Tasmanorchestia, Tethorchestia,
Transorchestia, Traskorchestia,
Trinorchestia, Ulorchestia, Waematau

B. I have taken the liberty to amend the name Plioplateidae to Plioplateiidae and that of Najniinae to Najninae. WV

New taxa in AN 27

A. Alphabetic list

New families and subfamilies

Bougisiidae Zeidler, 2004
 Corogammaropsinae Tzvetkova, 1990
 Eurytheneidae Stoddart & Lowry, 2004
 Iulopididae Zeidler, 2004
 Lestrigonidae Zeidler, 2004
 Sicafodiidae Just, 2004

New genera and subgenera

<i>Anomalosymtes</i> Hendrycks & Bousfield, 2004	Pleustidae
<i>Atlantorchestia</i> Serejo, 2004	Talitridae
<i>Budnikopleustes</i> Hendrycks & Bousfield, 2004	Pleustidae
<i>Carinonajna</i> Bousfield & Marcoux, 2004	Najnidae
<i>Coriolisa</i> Lowry & Stoddart, 1994	pachynids
<i>Corogammaropsis</i> Tzvetkova, 1990	Photidae
<i>Deshayesorchestia</i> Tafani et al., 2004	Talitridae
<i>Gitanopsilis</i> Rauschert, 1994	Amphilochidae
<i>Gracilipleustes</i> Hendrycks & Bousfield, 2004	Pleustidae
<i>Heteropleustes</i> Hendrycks & Bousfield, 2004	Pleustidae
<i>Holopleustes</i> Hendrycks & Bousfield, 2004	Pleustidae
<i>Indoweckelia</i> Holsinger & Ruffo, 2002	Hadziidae
<i>Kamptopleustes</i> Hendrycks & Bousfield, 2004	Pleustidae
<i>Rhinopleustes</i> Hendrycks & Bousfield, 2004	Pleustidae
<i>Sardorchestia</i> Tafani et al., 2004	Talitridae
<i>Shoemakeroides</i> Hendrycks & Bousfield, 2004	Pleustidae
<i>Sicafodia</i> Just, 2004	Sicafodiidae

New species and subspecies

abyssalis Lowry & Stoddart, 1994 (<i>Onesimoides</i>)	Tryphosinae
acuminatus Hendrycks & Bousfield, 2004 (<i>Rhinopleustes</i>)	Pleustidae
aequipes Hendrycks & Bousfield, 2004 (<i>Holopleustes</i>)	Pleustidae
ama Lowry & Stoddart, 1994 (<i>Tryphosella</i>)	Tryphosinae
amchitkana Bousfield & Marcoux, 2004 (<i>Najna</i>)	Najnidae
amissio Rauschert, 1994 (<i>Gitanopsilis</i>)	Amphilochidae
andeep Berge, Vader & Lockhart, 2004 (<i>Lepidepecreella</i>)	lepidepecreellids
asiaticus Tzvetkova, 1990 (<i>Parallorchestes</i>)	Hyalidae

associatus Sanchez, 1991 (<i>Pseudoniphargus</i>)	Pseudoniphargidae
australiensis Guerra-Garcia, 2004 (<i>Aciconula</i>)	Caprellidae
atlantica Bellan-Santini & Menioui, 2004 (<i>Urothoe</i>)	Urothoidae
azorensis Guerra-Garcia, 2004 (<i>Liropus</i>)	Caprellidae
barnardi Bousfield & Marcoux, 2004 (<i>Carinonajna</i>)	Najnidae
bellona Lowry & Stoddart, 1994 (<i>Cyphocaris</i>)	Cyphocarididae
biarticulata Hirayama & Takeuchi, 1993 (<i>Dulichia</i>)	Dulichiidae
bicarinata Bousfield & Marcoux, 2004 (<i>Carinonajna</i>)	Najnidae
bispinosa Bousfield & Marcoux, 2004 (<i>Carinonajna</i>)	Najnidae
botanica Bousfield & Marcoux, 2004 (<i>Carinonajna</i>)	Najnidae
brevipodus Hou, Li & Platvoet, 2004 (<i>Gammarus</i>)	Gammaridae
breviramus Bustamante, 2002 (<i>Microphoxus</i>)	Phoxocephalidae
brisbanense Chapman, 2002 (<i>Paracorophium</i>)	Corophiidae
bulgaricus Andreev, 2001 (<i>Niphargus</i>)	Niphargidae
californicus Bousfield & Morino, 1992 (<i>Ramellogammarus</i>)	Anisogammaridae
californiense Vinogradov, 1994 (<i>Lepidepecreum</i>)	Tryphosinae
campestris Bousfield & Morino, 1992 (<i>Ramellogammarus</i>)	Anisogammaridae
carli Bousfield & Marcoux, 2004 (<i>Carinonajna</i>)	Najnidae
catalogus Karaman, 1995 (<i>Niphargus</i>)	Niphargidae
cataracta Karaman, 2002 (<i>Bogidiella glacialis</i>)	Bogidiellidae
cidaridis Berge, Vader & Lockhart, 2004 (<i>Notopoma</i>)	Ischyroceridae
colo Lowry, 2004 (<i>Corophium</i>)	Corophiidae
columbianus Hendrycks & Bousfield, 2004 (<i>Neopleustes</i>)	Pleustidae
columbianus Bousfield & Morino, 1992 (<i>Ramellogammarus</i>)	Anisogammaridae
columnaris Ariyama, 2004 (<i>Aoroides</i>)	Aoridae
comitari Myers & Hall-Spencer, 2003 (<i>Pleusymtes</i>)	Pleustidae
compar Myers & Cunha, 2004 (<i>Bonnierella</i>)	Bonnierellinae
cornicolanus Iannilli & Vigna Taglianti, 2004 (<i>Niphargus</i>)	Niphargidae
coxalis Hendrycks & Bousfield, 2004 (<i>Anomalosymtes</i>)	Pleustidae
curvipes Ariyama, 2004 (<i>Aoroides</i>)	Aoridae
costai Freire & Serejo, 2004 (<i>Trischizostoma</i>)	Trischizostomatidae
dabanus Tachteew & Mekhanikova, 2000 (<i>Gammarus</i>)	Gammaridae
daviui Jaume, 1991 (<i>Pseudoniphargus</i>)	Pseudoniphargidae
decorosus Meng, Hou & Li, 2003 (<i>Gammarus</i>)	Gammaridae
decui Karaman & Sarbu, 1995 (<i>Niphargus</i>)	Niphargidae
denticulata Rauschert, 1994 (<i>Gitanopsis</i>)	Amphilochidae
dentirama Kirayama & Takeuchi, 1993 (<i>Stenothoe</i>)	Stenothoidae
dielaii Pereira, 2004 (<i>Hyaella</i>)	Hyaellidae
eclimensis King, Myers & McGrath, 2004 (<i>Ampelisca</i>)	Ampeliscidae
elkaimi d'Udekem d'Acoz & Menioui, 2004 (<i>Bathyporeia</i>)	Pontoporeiidae
elliottana Lowry & Springthorpe, 2005 (<i>Rhachotropis</i>)	Eusiridae
ellipticus Ariyama, 2004 (<i>Aoroides</i>)	Aoridae
elvirae Iannilli & Ruffo, 2002 (<i>Gammarus</i>)	Gammaridae

enodis Rayol & Serejo, 2003 (<i>Monoliropus</i>)	Caprellidae
fimbrillata Vassilenko, 1994 (<i>Caprella</i>)	Caprellidae
fontanus Hou & Li, 2004 (<i>Jesogammarus</i>)	Anisogammaridae
frigidus Hou & Li, 2004 (<i>Gammarus</i>)	Gammaridae
fucatosquamosa Rauschert, 1994 (<i>Gitanopsis</i>)	Amphiloichidae
grandimana Guerra-Garcia, 2004 (<i>Pseudoprotomima</i>)	Phtisicidae
hebeiensis Hou & Li, 2004 (<i>Jesogammarus</i>)	Anisogammaridae
honiara Lowry & Stoddart, 1994 (<i>Socarnopsis</i>)	Lysianassinae
ilheusensis Haney, de Almeida & Reid, 2004 (<i>Syncyamus</i>)	Cyamidae
ilhoii Lee & Seo, 1992 (<i>Jesogammarus</i>)	Anisogammaridae
indeterminata Vassilenko, 1994 (<i>Caprella</i>)	Caprellidae
inermis Appadoo & Myers, 2004 (<i>Aora</i>)	Aoridae
japonicus Ariyama, 2004 (<i>Tethylembos</i>)	Aoridae
jaspides Hou & Li, 2004 (<i>Gammarus</i>)	Gammaridae
juliana Lowry & Springthorpe, 2005 (<i>Regalia</i>)	Eusiridae
karamani King, 2004 (<i>Harpinia</i>)	Phoxocephalidae
karamani Ortiz, Garcia-Debras & Lalana, 2003 (<i>Socarnopsis</i>)	Lysianassinae
kasymovi Aliev, 1997 (<i>Gammarus</i>)	Gammaridae
kazakstanica Kulkina, 1990 (<i>Stygobromus</i>)	Crangonyctidae
keldyshi Vinogradov, 1994 (<i>Hippomedon</i>)	Tryphosinae
kensleyi Lowry & Springthorpe, 2005 (<i>Membrilopus</i>)	Calliopidae
kogia Sedlak-Weinstein, 1992 (<i>Isocyamus</i>)	Cyamidae
koreaensis Lee & Seo, 1990 (<i>Jesogammarus</i>)	Anisogammaridae
koutouma Lowry & Stoddart, 1994 (<i>Kerguelenia</i>)	kergueleniids
kudrjaschovi Tzvetkova, 1990 (<i>Corogammaropsis</i>)	Photidae
kyonggiensis Lee & Seo, 1990 (<i>Gammarus</i>)	Gammaridae
lafkui Appadoo & Myers, 2004 (<i>Ampithoe</i>)	Ampithoidae
latibasis Appadoo & Myers, 2004 (<i>Exampithoe</i>)	Ampithoidae
latipoda Ren, 2001 (<i>Paragrubia</i>)	Ampithoidae
laxipodus Appadoo & Myers, 2004 (<i>Ampithoe</i>)	Ampithoidae
ledoyeri d'Udekem d'Acoz & Menioui, 2004 (<i>Bathyporeia</i>)	Pontoporeiidae
lessoniophila Bousfield & Marcoux, 2004 (<i>Carinonajna</i>)	Najidae
lifou Lowry & Stoddart, 1994 (<i>Kerguelenia</i>)	kergueleniids
limpidus Hou & Li, 2004 (<i>Procrangonyx</i>)	Procrangonyctidae
littoralis Stock & Abreu, 1993 (<i>Pseudoniphargus</i>)	Pseudoniphargidae
littoralis Bousfield & Morino, 1992 (<i>Ramellogammarus</i>)	Anisogammaridae
longicarpus Appadoo & Myers, 2004 (<i>Ampithoe</i>)	Ampithoidae
longimana Bousfield & Marcoux, 2004 (<i>Carinonajna</i>)	Najidae
longisaeta Lee & Seo, 1992 (<i>Gammarus</i>)	Gammaridae
longisegmentum Hirayama & Takeuchi, 1993 (<i>Synchelidium</i>)	Phoxocephalidae
lucinae Krapp-Schickel, 2004 (<i>Maera</i>)	Melitidae
lukini Tzvetkova, 1990 (<i>Cerapus</i>)	Ischyroceridae
macho Berge & Vader, 2004 (<i>Mediterexis</i>)	Stegocephalidae

macrurus Stock & Abreu, 1993 (<i>Pseudoniphargus</i>)	Pseudoniphargidae
maculata Vinogradov, 2004 (<i>Amaryllis</i>)	Amaryllidae
martensi Hou & Li, 2004 (<i>Gammarus</i>)	Gammaridae
mascarenensis Appadoo & Myers, 2004 (<i>Ampithoe</i>)	Ampithoidae
matsukawaensis Hirayama & Takeuchi, 1993 (<i>Atylus</i>)	Dexaminidae
mauritiensis Guerra-Garcia, 2003 (<i>Metaprotella</i>)	Caprellidae
mediterraneum Kaim-Malka, 2004 (<i>Podoprion</i>)	Podoprionidae
microceras d'Udekem d'Acoz & Menioui, 2004 (<i>Bathyporeia</i>)	Pontoporeiidae
minuta Müller, 1992 (<i>Colomastix</i>)	Colomastigidae
miri Vinogradov, 1994 (<i>Gammaropsis</i>)	Photidae
montanus Hou, Li & Platvoet, 2004 (<i>Gammarus</i>)	Gammaridae
moraesi Bustamante, 2002 (<i>Microphoxus</i>)	Phoxocephalidae
murarius Hou & Li, 2004 (<i>Gammarus</i>)	Gammaridae
myojinensis Ariyama, 2004 (<i>Aoroides</i>)	Aoridae
nana Guerra-Garcia, 2004 (<i>Orthoprotella</i>)	Caprellidae
nitidaformis Labay, 2003 (<i>Melita</i>)	Melitidae
novacaledonia Lowry & Stoddart, 1994 (<i>Coriolisa</i>)	pachynids
oculata Vinogradov, 2004 (<i>Regalia</i>)	Eusiridae
oozeki Hirayama & Takeuchi, 1993 (<i>Gitanopsis</i>)	Amphilochidae
orientalis Bellan-Santini, 2005 (<i>Haustorius</i>)	Haustoriidae
oupi Lowry & Stoddart, 1994 (<i>Tryphosella</i>)	Tryphosinae
pacifica Hendrycks & Bousfield, 2004 (<i>Pleusymtes</i>)	Pleustidae
papua Guerra-Garcia, 2003 (<i>Pseudoproto</i>)	Phtisicidae
paraspiniifera Guerra-Garcia, 2004 (<i>Protoaeginella</i>)	Caprellidae
parva Bousfield & Marcoux, 2004 (<i>Najna</i>)	Najnidae
pedrerae Pretus, 1990 (<i>Pseudoniphargus</i>)	Pseudoniphargidae
pexus Hou & Li, 2005 (<i>Gammarus</i>)	Gammaridae
pityusensis Pretus, 1990 (<i>Pseudoniphargus</i>)	Pseudoniphargidae
planasiae Messana & Ruffo, 2001 (<i>Longigammarus</i>)	Gammaridae
portosanti Stock & Abreu, 1993 (<i>Pseudoniphargus</i>)	Pseudoniphargidae
pribilofensis Hendrycks & Bousfield, 2004 (<i>Pleusymtes</i>)	Pleustidae
punctatus Ariyama, 2004 (<i>Aoroides</i>)	Aoridae
racovitzai Pretus, 1990 (<i>Pseudoniphargus</i>)	Pseudoniphargidae
richeri Lowry & Stoddart, 1994 (<i>Trischizostoma</i>)	Trischizostomatidae
rurutae Lowry & Stoddart, 1994 (<i>Socarnes</i>)	Lysianassinae
sabineae Guerra-Garcia & Garcia-Gomez, 2003 (<i>Caprella</i>)	Caprellidae
sandroruffoi Andres, 2004 (<i>Ingolfiella</i>)	Ingolfiellidae
sandroruffoi Ortiz & Lalana, 2003 (<i>Podocerus</i>)	Podoceridae
sarcelle Lowry & Stoddart, 1994 (<i>Lepidepecreella</i>)	lepepecreellids
semicurvatus Ariyama, 2004 (<i>Aoroides</i>)	Aoridae
serraticaudatum Ren, 2003 (<i>Corophium</i>)	Corophiidae
serratus Ariyama, 2004 (<i>Pseudobemlos</i>)	Aoridae
seticoxae Serejo & Licinio, 2002 (<i>Ampithoe</i>)	Ampithoidae

setosus Hendrycks & Bousfield, 2004 (<i>Heteropleustes</i>)	Pleustidae
setosus Bousfield & Morino, 1992 (<i>Ramellogammarus</i>)	Anisogammaridae
shenmuensis Hou & Li, 2004 (<i>Gammarus</i>)	Gammaridae
sinuolatus Hou & Li, 2004 (<i>Gammarus</i>)	Gammaridae
soela Guerra-Garcia, 2004 (<i>Pseudaeginella</i>)	Caprellidae
spinicoxa Valerio-Berardi & Wakabara, 2003 (<i>Leptocheirus</i>)	Corophiinae
spinosus Hendrycks & Bousfield, 2004 (<i>Kamptopleustes</i>)	Pleustidae
stalagmiticus Hou & Li, 2005 (<i>Gammarus</i>)	Gammaridae
stocki Ruffo, Holsinger & Sawicki, 2003 (<i>Indoweckelia</i>)	Hadziidae
stylos Just, 2004 (<i>Sicafodia</i>)	Sicafodiidae
suasoris Krapp-Schickel, 2004 (<i>Zygomaera</i>)	Melitidae
sublitoralis Vinogradov, 2004 (<i>Scopelocheiropsis</i>)	Scopelocheiridae
superstes Holsinger & Ruffo, 2002 (<i>Indoweckelia</i>)	Hadziidae
symbiotica Gamo, 1992 (<i>Pleusymtes</i>)	Pleustidae
takesensis Hou, Li & Platvoet, 2004 (<i>Gammarus</i>)	Gammaridae
tandai Lowry & Stoddart, 1994 (<i>Socarnopsis</i>)	Lysianassinae
thio Lowry & Stoddart, 1994 (<i>Aristias</i>)	Aristiidae
thurstoni Stoddart & Lowry, 2004 (<i>Eurythenes</i>)	Eurytheneidae
tiahurae Müller, 1992 (<i>Colomastix</i>)	Colomastigidae
tiendi Lowry & Stoddart, 1994 (<i>Socarnes</i>)	Lysianassinae
translucidus Hou & Li, 2004 (<i>Gammarus</i>)	Gammaridae
traudlae Guerra-Garcia, 2004 (<i>Caprella</i>)	Caprellidae
traudlina Ruffo, 2004 (<i>Nihotunga</i>)	Nihotungidae
triasi Jaume, 1991 (<i>Pseudoniphargus</i>)	Pseudoniphargidae
tropicalis Lowry & Stoddart, 1994 (<i>Clepidocrella</i>)	kergueleniids
tuscarora Lowry & Stoddart, 1994 (<i>Socarnes</i>)	Lysianassinae
uokonia Lowry & Stoddart, 1994 (<i>Aristias</i>)	Aristiidae
uroserratus Bustamante, 2002 (<i>Microphoxus</i>)	Phoxocephalidae
vaderi Guerra-Garcia, 2004 (<i>Pseudaeginella</i>)	Caprellidae
vao Lowry & Stoddart, 1994 (<i>Hippomedon</i>)	Tryphosinae
verrucosa Guerra-Garcia, 2004 (<i>Protoaeginella</i>)	Caprellidae
waipoua Chapman, 2003 (<i>Phreatogammarus</i>)	phreatogammarids
walkeri Vinogradov, 2004 (<i>Ichnopus</i>)	Uristidae
wangbangensis Lee & Seo, 1990 (<i>Gammarus</i>)	Gammaridae
watlingi Coleman et al., 1994 (<i>Gnathiphimedia</i>)	Iphimediidae
wexfordensis Karaman, Gledhill & Holmes, 1994 (<i>Niphargus</i>)	Niphargidae
wirtzi Krapp-Schickel & Takeuchi, 2005 (<i>Caprella</i>)	Caprellidae
wolf Berge & Vader, 2004 (<i>Stegocephalina</i>)	Stegocephalidae
yagerae Sawicki & Holsinger, 2004 (<i>Bahadzia</i>)	Hadziidae
yoshimurai Tomikawa, Hendrycks & Mawatari, 2004 (<i>Dactylopleustes</i>)	Pleustidae

B. Systematic list

Amaryllidae

Amaryllis **maculata**

Ampeliscidae

Ampelisca **eclimensis**

Amphilochidae

Gitanopsilis amissio

Gitanopsis **denticulata, fucatosquamosa, oozeiki**

Ampithoidae

Ampithoe **lafkui, laxipodus, longicarpus, mascarenensis, seticoxae**

Exampithoe **latibasis**

Paragrubia **latipoda**

Anisogammaridae

Jesogammarus **fontanus, hebeiensis, ilhoii, koreaensis,**

Ramellogammarus **californicus, campestris, columbianus, littoralis, setosus**

Aoridae

Aora **inermis**

Aoroides **columnaris, curvipes, ellipticus, myojinensis, punctatus, semicurvatus**

Pseudobemlos **serratus**

Tethylembos **japonicus**

Aristiidae

Aristias **thio, uokonia**

Bogidiellidae

Bogidiella glacialis **cataracta,**

Bonnierellinae

Bonnierella **compar**

Bougisiidae Zeidler, 2004

Calliopiidae

Membrilopus **kensleyi**

Caprellidae

Aciconula **australiensis,**

Caprella **fimbrillata, indeterminata, sabineae, traudlae, wirtzi**

Liropus **azorensis**

Metaprotella **mauritiensis**

Monoliropus **enodis**

Orthoprotella **nana**

Protoaeginella **paraspinifera, verrucosa**

- Pseudaeginella **soela, vaderi**
 Colomastigidae
 Colomastix **minuta, tiahuræ**
Corogammaropsinae Tzvetkova, 1990 (now in Photidae)
 Corophiinae
 Corophium **colo, serraticaudatum**
 Leptocheirus **spinicoxa**
 Paracorophium **brisbanense**
 Crangonyctidae
 Stygobromus **kazakstanica**
 Cyamidae
 Isocyamus **kogia**
 Syncyamus **ilheusensis**
 Cyphocarididae
 Cyphocaris **bellona**
 Dexaminidae
 Atylus **matsukawaensis**
 Dulichiidae
 Dulichia **biarticulata**
Eurytheneidae Stoddart & Lowry, 2004
 Eurythenes **thurstoni**
 Eusiridae
 Regalia **juliana, oculata**
 Rhachotropis **elliottana**
 Gammaridae
 Gammarus **brevipodus, dabanus, decorosus, elvirae, frigidus, jaspides,**
 kasymovi, kyonggiensis, longisaeta, martensi, montanus, murarius,
 pexus, shenmuensis, sinuolatus, stalagmiticus, takesensis,
 translucidus, wangbangensis
 Longigammarus **planasiae**
 Hadziidae
 Bahadzia **yagerae**
 Indoweckelia stocki, superstes
 Haustoriidae
 Haustorius **orientalis**
 Hyalellidae
 Hyalella **dielaii**
 Hyalidae
 Parallorchestes **asiaticus**
 Ingolfiellidae
 Ingolfiella **sandroruffoi**
 Iphimediidae
 Gnathiphimedia **watlingi**

Ischyroceridae

Cerapus **lukini**Notopoma **cidaridis****Iulopididae** Zeidler, 2004

Kergueleniids

Clepidecrella **tropicalis**Kerguelenia **koutouma, lifou**

lepidopetrellids

Lepidopetrella **andeep, sarcelle****Lestrigonidae** Zeidler, 2004

Lysianassinae

Socarnes **rurutae, tiendi, tuscarora**Socarnopsis **honiara, karamani, tandai**

Melitidae

Maera **lucinae**Melita **nitidaformis**Zygomaera **suasoris**

Najnidae

Carinonajna barnardi, bicarinata, bispinosa, botanica, carli,**lessoniophila, longimana**Najna **amchitkana, parva**

Nihotungidae

Nihotunga **traudlina**

Niphargidae

Niphargus **bulgaricus, catalogus, cornicolanus, decui, wexfordensis**

pachynids

Coriolisa novacaledonia

Photidae

Corogammaropsis kudrjaschoviGammaropsis **miri**

Phoxocephalidae

Harpinia **karamani**Microphoxus **breviramus, moraesi, uroserratus**Synchelidium **longisegmentum**

phreatogammarids

Phreatogammarus **waipoua**

Phtisicidae

Pseudoproto **papua**Pseudoprotomima **grandimana**

Pleustidae

Anomalosymtes coxalis**Budnikopleustes**Dactylopleustes **yoshimurai**

- Gracilipleustes**
- Heteropleustes setosus**
- Holopleustes aequipes**
- Kamptopleustes spinosus**
- Neopleustes **columbianus**
- Pleusymtes **comitari, pacifica, pribilofensis, symbiotica**
- Rhinopleustes acuminatus**
- Shoemakeroides**
- Podoceridae
 - Podocerus **sandroruffoi**
- Podoprionidae
 - Podoprion **mediterraneum**
- Pontoporeiidae
 - Bathyporeia **elkaimi, ledoyeri, microceras**
- Procrangonyctidae
 - Procrangonyx **limpidus**
- Pseudoniphargidae
 - Pseudoniphargus **associatus, daviui, littoralis, macrurus, pedrerae, pityusensis, portosanti, racovitzai, triasi**
- Scopelocheiridae
 - Scopelocheiropsis **sublitoralis**
- Sicafodiidae**
 - Sicafodia stylos**
- Stegocephalidae
 - Mediterexis **macho**
 - Stegocephalina **wolf**
- Stenothoidae
 - Stenothoe **dentirama**
- Talitridae
 - Atlantorchestia**
 - Deshayesorchestia**
 - Sardorchestia**
- Trischizostomatidae
 - Trischizostoma **costai, richeri**
- Tryphosinae
 - Hippomedon **keldyshi, vao**
 - Lepidepcreum **californiense**
 - Onesimoides **abyssalis**
 - Tryphosella **ama, oupi**
- Uristidae
 - Ichnopus **walkeri**
- Urothoidae
 - Urothoe **atlantica**

